



Oxygen and life support

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Passenger Oxygen Mask Dispensing Units



WARNING

IMPROPER USE OR MAINTENANCE OF THIS APPARATUS MAY RESULT IN INJURY OR DEATH. ANY SERVICE OR OVERHAUL SHALL BE DONE BY THOSE FACILITIES EXPERIENCED IN, OR BY PERSONNEL KNOWLEDGEABLE IN, AVIATION OXYGEN EQUIPMENT. CONTACT

AVOX SYSTEMS OR ITS DISTRIBUTORS FOR NAMES OF AUTHORIZED SERVICE CENTERS. PERSONNEL SHOULD RECEIVE PROPER TRAINING PRIOR TO USING THIS EQUIPMENT. UNIT SHALL BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN PER MIL-PRF-27210.



AVOX Systems

225 Erie Street • Lancaster, NY 14086 • Tel: 716 683-5100 • Fax: 716 681-1089 • Technical Sales: 800 459-3690



AVOX Systems



The AVOX Systems Passenger Oxygen Mask Dispensing Units are designed to provide the presentation of oxygen masks and calibrated oxygen flow for pressurized commercial, military, business, and general aviation aircraft in the event of insufficient cabin pressurization.

They are completely self-contained units consisting of the container, door, oxygen lanyard valve assembly, and a AVOX Systems TSO approved oxygen mask(s) meeting the customer requirements specified for the altitude, space limitations, and number of passengers.

AVOX Systems Dispensing Units are pneumatically, electrically, or manually operated and are standard equipment on aircraft manufactured by Raytheon, Cessna, Boeing, Gulfstream, Piper, Falcon Jet, Bombardier, SAAB, Embraer, and other prominent aircraft manufacturers.

Various other configurations are available or can be designed to meet your individual aircraft requirements.

Passenger Oxygen Mask Dispensing Units



Outstanding Features

- Compact, lightweight design
- Available with pneumatic, electric, or manual door opening
- TSO approved oxygen masks
- Flow indicator masks are standard
- Mask hose keeper (retainer) available
- Some units can be individually opened, for inspection by trained personnel

Description & Part Numbers											
Assy P/N	Outline Dwg P/N	Original ACFT/CUST	Container Size W x L x D	Door Size W x L	Unit Type	Oxygen Flow† LPM@PSIG	Orifice 365-06-	Deploys @PSIG	Mask Lgth	Approx. Wt Lbs	Remarks
833-22A	833-510	CES 441/425	4 x 8 x 1.25	4 x 8	2B	4.1-4.3 @30	-2	N/A	40	2	ELEC. OPEN
833-65	833-512		3.5 x 5 x 1.75	3.5 x 5	1B	3.7-3.9 @70	-1	15-70	30	.9	
833-65-1	833-512	FALCON F-50	3.5 x 5 x 1.75	3.5 x 5	1B	3.7-3.9 @70	-1	27-40	30	.9	
833-170	833-520	SWEARINGEN	4 x 4 x 1.35	4 x 4	1B	3.7-3.9 @70	-1	15 MIN	40	.75	
833-190	833-524	CHALLENGER	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	3.2-3.4 @70	-4	30-60	40	1.58	
833-190-1	833-524	CHALLENGER	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	3.2-3.4 @70	-4	30-60	68	1.67	
833-190-2	833-524	CHALLENGER	4.78 x 8.78 x 1.78	4.78 x 8.78	2W	3.7-3.9 @70	-1	30-60	40	1.58	
833-190-3	833-524	CHALLENGER	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	4.1-4.3 @30	-2	20-50	68	1.67	
833-190-4	833-524	CHALLENGER	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	4.1-4.3 @30	-2	20-50	40	1.58	
833-190-5	833-524	CHALLENGER	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	4.1-4.3 @30	-2	20-50	54	1.63	
833-190-6	833-524	CHALLENGER	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	2.6-2.8 @70	-14	30-60	40	1.58	
833-195	833-525	GULF. AERO C	4.75 x 4.75 x 1.78	5.25 x 5.12	1W	3.7-3.9 @70	-1	30-40	40		
833-210	833-527	CHALLENGER	4 x 7 x 1.87	4 x 7	2W	3.2-3.4 @70	-4	15-70	40		
833-320	833-534	SWEARINGEN	4 x 4 x 1.76	4 x 4	1B	3.7-3.9 @70	-1	15 MIN	40	.77	
833-325	833-536	CHALLENGER	4 x 8 x 1.78	4.5 x 8.5	2W	3.2-3.4 @70	-4	30-40	40	1.37	
833-325-1	833-536	CHALLENGER	4 x 8 x 1.78	4 x 8	2W	3.2-3.4 @70	-4	30-40	40		
833-340-1	833-540	BEECH 1900	4.37 x 5 x 1.87	4.37 x 5	1W	3.7-3.9 @70	-1	30-55	40	.73	
833-355	833-542		4 x 8 x 1.78	4.5 x 8.5	2W	4.1-4.3 @30	-2	30-40	40		
833-355-1	833-542		4 x 8 x 1.78	4 x 8	2W	4.1-4.3 @30	-2	30-40	40		
833-355-2	833-542		4 x 8 x 1.78	4 x 8	2W	3.7-3.9 @70	-1	30-40	40		
833-355-3	833-542		4 x 8 x 1.78	4.5 x 8.5	2W*	4.1-4.3 @30	-2	30-40	N/A		
833-355-4	833-542		4 x 8 x 1.78	4 x 8	2W*	4.1-4.3 @30	-2	30-40	N/A		
833-355-5	833-542	G 1	4 x 8 x 1.78	4 x 8	2W	2.6-2.8 @70	-14	30-40			
833-580-04	833-581	LEAR 45	4 x 7 x 1.87	4 x 7	2W	4.4-4.6 @70	-12	30-60	40	1.15	
833-580-05	833-581	LEAR 45	4 x 7 x 1.87	4 x 7	1W	4.4-4.6 @70	-12	30-60	40	.97	
833-580-06	833-581	LEAR 45	4 x 7 x 1.87	4 x 7	2W	3.5-3.7 @70	-19	30-60	40	1.15	
833-610	833-555	GULF. IV, V	4 x 7 x 1.87	4 x 7	2W	4.1-4.3 @30	-2	30-60	40	1.15	
833-610-1	833-555		4 x 7 x 1.87	4 x 7	2W	4.1-4.3 @30	-2	30-60	54	1.2	
833-610-2	833-555		4 x 7 x 1.87	4 x 7	2W	4.1-4.3 @30	-2	30-60	40	1.15	
833-610-3	833-555		4 x 7 x 1.87	4 x 7	1W	4.1-4.3 @30	-2	30-60	40	.97	
833-610-4	833-555		4 x 7 x 1.87	4 x 7	2W	4.7-4.9 @70	-3	30-60	40	1.15	
833-610-5	833-555		4 x 7 x 1.87	4 x 7	1W	4.7-4.9 @70	-3	30-60	40	.97	
833-610-07			4 x 7 x 1.87	4 x 7	2W	3.7-3.9 @70	-1	30-60	40	1.15	
833-610-08			4 x 7 x 1.87	4 x 7	1W	3.7-3.9 @70	-1	30-60	40	.97	
833-626-1		CHALLENGER GLOBAL EXP. CONTINENTAL	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	3.7-3.9 @70	-1	30-60	40	1.75	
833-626-02		MD 95	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	4.1-4.3 @30	-2	30-60	NONE	1.75	SIDE MOUNTING FLANGE
833-626-03		RJ EXEC.	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	3.2-3.3 @70	-4	30-60	NONE	1.75	
833-648-01		RAYTHEON 800/1000	4.78 x 8.78 x 1.78	4.78 x 4.78	2W	4.4-4.6 @70	-12	30-60	40	1.75	
833-649-01		RAYTHEON 800/1000	4.75 x 4.75 x 1.78	4.75 x 4.75	1W	4.4-4.6 @70	-12	30-60	40	.79	SIDE MOUNTING FLANGE INLET PORT SIDE
833-663	833-561	FALCON 900	3.5 x 5 x 1.75	3.5 x 5	1B	2.8-3.0 @67	-16	27-55	40	.67	
833-664	833-562	FALCON 900	4 x 8 x 2.22	4 x 8	2B	2.8-3.0 @67	-16	20-55	40	1.5	
833-765	833-574		4 x 7 x 1.90	4 x 7	2W	4.1-4.3 @30	-2	0-55	40	1.08	INCLUDES VENT PORT
833-766-1	833-575	LEARJET 60	4.25 x 8.25 x 2.38	NO DOOR	1WP	4.4-4.6 @70	-12	N/A	40	.85	
833-766-2	833-575	LEARJET 60	4.25 x 8.25 x 2.38	NO DOOR	2WP	4.4-4.6 @70	-12	N/A	40	1.03	
833-786-01		CITATION 3	4 x 5 x 1.55	4 x 5	1W	4.4-4.6 @70	-12	15-45	40	.68	

Description & Part Numbers (Con't)											
Assy P/N	Outline Dwg P/N	Original ACFT/CUST	Container Size W x L x D	Door Size W x L	Unit Type	Oxygen Flow [†] LPM@PSIG	Orifice 365-06-	Deploys @PSIG	Mask Lgth	Approx. Wt Lbs	Remarks
833-786-02		CITATION 3	4 x 5 x 1.55	4 x 5	1W	4.4-4.6 @70	-12	15-45	40	.68	MANUAL SHUTOFF CURVED LID
833-786-03		CITATION 3	4 x 5 x 1.55	4 x 5	1W	4.4-4.6 @70	-12	15-45	40	.68	
833-787-01		CITATION I&II	4.78 x 8.78 x 1.78	5.28 x 9.28	2W	4.4-4.6 @70	-12	15-45	40	1.75	
833-788-01		CESSNA	4 x 5 x 1.71 – 1.08	4 x 5	1W	4.4-4.6 @70	-12	25-60	40	.85	
833-789-01		LEAR 30	4 x 7 x 1.87	4 x 7	2W	4.4-4.6 @70	-12	30-60	40	1.15	MANUAL SHUTOFF
833-790-01		LEAR 30	4 x 5 x 1.55	4 x 5	1W	4.4-4.6 @70	-12	25-60	40	.68	
833-800-01		CESSNA	4.75 x 4.75 x 1.75	5.25 x 5.25	1W	4.4-4.6 @70	-12	15-45	40	.79	
833-801-01		RJ EXEC.	4.75 x 4.75 x 1.78	4.75 x 4.75	1W	3.7-3.9 @70	-1	30-60	40	.79	
833-804-01		HUNTINGDH -8	5.50 x 8.50 x 2.53	5.75 x 8.75	2W	2.1-2.3 @70	-21	20-50	40	1.50	LAVATORY GALLEY
833-805-01		HUNTING DH-8	4.37 x 5.00 x 2.00	4.37 x 5.00	1W	2.1-2.3 @70	-21	20-50	40	.60	
833-806-01		DASH 8	5.50 x 8.50 x 2.53	5.75 x 8.75	2W	3.5-3.7 @50	-19	20-50	40	1.50	MOUNTING NUTPLATES
833-807-01		BOEING BBJ	5.50 x 8.50 x 2.53	5.75 x 8.75	3W	3.5-3.7 @50	-19	20-50	40	1.74	
833-807-02		BOEING BBJ	5.50 x 8.50 x 2.53	5.75 x 8.75	3W*	4.1-4.3 @30	-2	15-35	N/A	1.14	
833-807-03		BOEING BBJ	5.50 x 8.50 x 2.53	5.75 x 8.75	3W*	4.4-4.6 @70	-12	15-35	N/A	1014	
833-807-04		BOEING BBJ	5.50 x 8.50 x 2.53	5.75 x 8.75	3W*	3.5-3.7 @50	-19	15-35	N/A	1.14	MOUNTING NUTPLATES
833-807-05		BOEING BBJ	5.50 x 8.50 x 2.53	5.75 x 8.75	3W*	3.7-3.9 @40	-23	15-35	N/A	1.14	MOUNTING NUTPLATES
833-807-06		BOEING BBJ	5.50 x 8.50 x 2.53	5.75 x 8.75	3W	3.7-3.9 @40	-23	15-23	40	1.74	MOUNTING NUTPLATES
833-809-01		LEARJET 30's	4 x 11.2 x 2.22	4 x 11.12	3W	4.4-4.6 @70	-12	30-60	40	1.92	
833-810-01		BOEING BBJ	3.87 x 5.50 x 2.53	4.12 x 5.75	1W	4.1-4.3 @30	-2	15-35	40	.86	MOUNTING NUTPLATES
833-810-02		BOEING BBJ	3.87 x 5.50 x 2.53	4.15 x 5.75	1W*	4.1-4.3 @30	-2	15-35	N/A	.70	MOUNTING NUTPLATES
833-810-03		BOEING BBJ	3.87 x 5.50 x 2.53	4.12 x 5.75	1W*	4.4-4.6 @70	-12	15-35	N/A	0.70	MOUNTING NUTPLATES
833-810-04		BOEING BBJ	3.87 x 5.50 x 2.53	4.12 x 5.75	1W*	3.5-3.7 @50	-19	15-35	N/A	0.70	MOUNTING NUTPLATES
833-811-01		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W	4.1-4.3 @30	-2	15-35	40	1.28	MOUNTING NUTPLATES
833-811-02		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W*	4.1-4.3 @30	-2	15-35	N/A	.95	MOUNTING NUTPLATES
833-811-03		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W*	4.4-4.6 @70	-12	15-35	N/A	0.95	MOUNTING NUTPLATES
833-811-04		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W*	3.5-3.7 @70	-19	15-35	N/A	0.95	MOUNTING NUTPLATES
833-811-05		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W*	3.7-3.9 @70	-23	15-35	N/A	0.95	MOUNTING NUTPLATES
833-811-06		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W	3.7-3.9 @70	-23	15-35	40	1.28	MOUNTING NUTPLATES
833-820-02		BOEING BBJ	3.87 x 5.50 x 2.53	4.12 x 5.75	1W*	4.1-4.3 @30	-2	15-35	N/A	0.70	MOUNTING SLOTS
833-820-03		BOEING BBJ	3.87 x 5.50 x 2.53	4.12 x 5.75	1W*	4.4-4.6 @70	-12	15-35	N/A	0.70	MOUNTING SLOTS
833-820-04		BOEING BBJ	3.87 x 5.50 x 2.53	4.12 x 5.75	1W*	3.5-3.7 @50	-19	15-35	N/A	0.70	MOUNTING SLOTS
833-821-02		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W*	4.1-4.3 @30	-2	15-35	N/A	0.95	MOUNTING SLOTS
833-821-03		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W*	4.4-4.6 @70	-12	15-35	N/A	0.95	MOUNTING SLOTS
833-821-04		BOEING BBJ	4.5 x 8 x 2.53	4.75 x 8.25	2W*	3.5-3.7 @70	-19	15-35	N/A	0.95	MOUNTING SLOTS
833-822-02		BOEING BBJ	5.5 x 8.5 x 2.53	5.75 x 8.75	3W*	4.1-4.3 @30	-2	15-35	N/A	1.10	MOUNTING SLOTS
833-822-03		BOEING BBJ	5.5 x 8.5 x 2.53	5.75 x 8.75	3W*	4.4-4.6 @70	-12	15-35	N/A	1.10	MOUNTING SLOTS
833-822-04		BOEING BBJ	5.5 x 8.5 x 2.53	5.75 x 8.75	3W*	3.5-3.7 @50	-19	15-35	N/A	1.10	MOUNTING SLOTS
833-830-01		CONTINENTAL	4 x 7 x 1.87	4 x 7	2W*	4.1-4.26 @40	-17	30-60	40	1.20	
833-833-01		LEGACY	4 x 7 x 1.87	4 x 7	2W*	4.4-4.6 @70	-12	30-60	N/A	0.88	
833-833-02		LEGACY	4 x 7 x 1.87	4 x 7	2W*	4.4-4.6 @70	-12	30-60	40	0.88	
833-910-01		FALCON 2000	4 x 8 x 2.06	4 x 8	2B	2.8-3.0 @70	-20	27-55	40	1.44	
**CHEMICAL DEPLOYMENT CONTAINERS:											
833-742-1		SAAB	6.50 x 8.50 x 3.0	6.75 x 8.75	1G	12 MINUTES**	N/A	28 VDC	33	2.43	HINGED DOOR W/GEN
833-742-2		SAAB	6.50 x 8.50 x 3.0	6.75 x 8.75	2G	12 MINUTES**	N/A	28 VDC	33	2.60	HINGED DOOR W/GEN
833-742-3		SAAB	6.50 x 8.50 x 3.0	6.75 x 8.75	1G	N/A	N/A	28 VDC	33	1.52	GENERATOR NOT INCLUDED
833-742-4		SAAB	6.50 x 8.50 x 3.0	6.75 x 8.75	2G	N/A	N/A	28 VDC	33	1.69	GENERATOR NOT INCLUDED
833-816-01		BOEING BBJ	6.50 x 10.00 x 3.31	6.75 x 10.25	3G	12 MINUTES**	N/A	28 VDC	41	3.18	MASK & GEN. NOT INCLUD.
833-816-02		BOEING BBJ	6.50 x 10.00 x 3.31	6.75 x 10.25	4G	12 MINUTES**	N/A	28 VDC	41	3.50	
833-816-03		BOEING BBJ	6.50 x 10.00 x 3.31	6.75 x 10.25	3G	N/A	N/A	28 VDC	N/A	1.46	
833-816-04		BOEING BBJ	6.50 x 10.00 x 3.31	6.75 x 10.25	4G	N/A	N/A	28 VDC	N/A	1.46	
833-817-01		BOEING BBJ	6.50 x 8.50 x 3.0	6.75 x 8.75	1G	12 MINUTES**	N/A	28 VDC	42	2.43	MASK & GEN. NOT INCLUD.
833-817-02		BOEING BBJ	6.50 x 8.50 x 3.0	6.75 x 8.75	2G	12 MINUTES**	N/A	28 VDC	42	2.60	
833-817-03		BOEING BBJ	6.50 x 8.50 x 3.0	6.75 x 8.75	1G	N/A	N/A	28 VDC	N/A	1.35	
833-817-04		BOEING BBJ	6.50 x 8.50 x 3.0	6.75 x 8.75	2G	N/A	N/A	28 VDC	N/A	1.35	